

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jean-Claude MARTIN et al

Appln. No. (NOT YET KNOWN)

Confirmation No. (NOT YET KNOWN)

Filed: August 17, 2001

For: METHOD FOR TELEPHONE COMMUNICATION BETWEEN A PORTABLE
OBJECT WITH HOROLOGICAL FUNCTIONS AND TELEPHONE AND
DEDICATED SERVER, AND PORTABLE OBJECT FOR IMPLEMENTATION OF
THE SAME

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to examination of the above-identified Application, please make the
following amendments:

IN THE CLAIMS:

1. (Amended) A method for telephone communication between at least one
portable object, which includes horological functions and a mobile telephone unit, and a
dedicated server for the two-way transmission of horological function data signals,
wherein it includes the steps of:

- connecting the mobile telephone unit of the portable object to a cellular telephone
network, the connection to said network allowing the geographical location of the portable
object to be located;

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- establishing a telephone link between the server and the portable object;
- transmitting data signals between the server and the portable object for adjusting and/or updating the horological functions of the object; and
- correcting the horological functions of said object on the basis of the data signals which have been received and shaped.

2. (Amended) The method according to claim 1, wherein once the telephone link is established between the server and the portable object, the server transmits signals for adjusting the local time, Internet time and/or date indicated by the portable object.

3. (Amended) The method according to claim 2, wherein the portable object includes a microprocessor with a time-keeping circuit in which the time is indicated on a first display device, wherein the time of the first display is compared and corrected to an exact time provided by the server, and wherein a correction time difference between the time prior to correction and the exact time is transmitted to the server.

4. (Amended) The method according to claim 3, wherein the server stores all the correction time differences which it receives from the portable object during several telephone links spaced over time, and wherein it transmits to the object, on the basis of the stored and evaluated time differences, data signals as to the state of its horological functions or adjustment data signals for updating the time base of the time-keeping circuit of the microprocessor.

5. (Amended) The method according to claim 4, wherein the data signals as to the state of the horological functions transmitted by the server are messages which are

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displayed on the first display device or on a second display device during the telephone link to inform the person wearing the portable object as to the state of the horological functions of said object.

6. (Amended) The method according to claim 1, wherein the portable object includes means for dialling manually or automatically at programmed intervals of time, the telephone number of the dedicated server, which is stored in storage means of the portable object, in order to establish the telephone link and in order to receive from the server the data signals for adjusting and/or updating its horological functions.

7. (Amended) The method according to claim 1, wherein the server stores several telephone numbers each corresponding to a specific portable object to establish at determined intervals of time telephone links with each portable object and to adjust and update individually the horological functions of each portable object.

8. (Amended) The method according to claim 1, wherein, during the established telephone link, data signals of a selected number of melodies are transmitted from the server to the portable object at the request of the person carrying the portable object to update a melody generating module of the object.

9. (Amended) The method according to claim 1, wherein, during the established telephone link, data signals for programming an alarm are transmitted from the portable object to the server to require the server to call the portable object at a determined time interval.

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10. (Amended) The method according to claim 1, wherein information message signals as to events or things happening are transmitted from the server to the portable object as a function of the detected geographical location of the portable object in the mobile telephone network, said messages being displayed on a display device of the portable object.

11. (Amended) The method according to claim 1, wherein time zone or display mode selection data signals are transmitted from the server to the portable object for updating a module for adjusting the time zones or a time display mode selection module to choose whether to display the time in 12h or 24h mode.

12. (Amended) The method according to claim 1, wherein message or information signals are transmitted from the server to the portable object, which includes a display device for reading the messages, in order to provide it with information as to the state of its horological functions on the basis of adjustments and/or updates made to said horological functions over time.

13. (Amended) The method according to claim 1, wherein the portable object is a telephone-watch, in particular a wristwatch including a mobile telephone, which includes storage means in which the number of the dedicated server is stored, wherein said number of the server is automatically dialled at intervals of time programmed by the user of said watch.

14. (Amended) A portable object, in particular a portable telephone-watch, for implementing the method according to claim 1, said object including a microprocessor

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with a time-keeping circuit, a mobile telephone unit, means for dialling a telephone number, a microphone and an earpiece connected to said mobile telephone unit, and at least one display device for the time, date and/or messages, wherein it includes storage means in which a call number of a dedicated server providing horological function data signals is stored, and wherein the call number stored in the storage means is able to be dialled automatically in the mobile telephone unit at programmed time intervals to establish a telephone link with said server in order to receive signals for adjusting and/or updating the horological functions of said object.

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REMARKS

The above amendments have been made to place the claims in proper U.S. format, to provide proper antecedent basis for the dependent claims, and to eliminate the improper multiple dependency of claim 3, thereby ensuring examination of all of claims 1-14 on the merits in the first Office Action.

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Respectfully submitted,


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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

1. (Amended) ~~Method~~ A method for telephone communication between at least one portable object(1), which includes horological functions and a mobile telephone unit, and a dedicated server (2) for the two-way transmission of horological function data signals (6, 6', 6''; 7, 7', 7''), ~~characterised in that,~~ wherein it includes the steps of:

- connecting the mobile telephone unit (27) of the portable object to a cellular telephone network(3, 3', 3''), the connection to said network allowing the geographical location of the portable object to be located;
- establishing a telephone link (5, 5', 5'') between the server and the portable object;
- transmitting data signals between the server and the portable object for adjusting and/or updating the horological functions of the object; and
- correcting the horological functions of said object on the basis of the data signals which have been received and shaped.

2. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein once the telephone link is established between the server (2) and the portable object (1), the server transmits signals for adjusting the local time, Internet time and/or date indicated by the portable object.

3. (Amended) ~~Method~~ The method according to ~~one of claims 1 and claim 2,~~ wherein the portable object includes a microprocessor (22) with a time-keeping circuit in which the time is indicated on a first display device (11), ~~characterised in that,~~ wherein the time of the first display is compared and corrected to an exact time provided by the server, and ~~in that~~ wherein a correction time difference between the time prior to correction and the exact time is transmitted to the server.

4. (Amended) ~~Method~~ The method according to claim 3, ~~characterised in that~~ wherein the server stores all the correction time differences which it receives from the portable object during several telephone links spaced over time, and ~~in that~~ wherein it

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transmits to the object, on the basis of the stored and evaluated time differences, data signals as to the state of its horological functions or adjustment data signals for updating the time base of the time-keeping circuit of the microprocessor.

5. (Amended) ~~Method~~ The method according to claim 4, ~~characterised in that~~ wherein the data signals as to the state of the horological functions transmitted by the server are messages which are displayed on the first display device (11) or on a second display device (14) during the telephone link to inform the person wearing the portable object as to the state of the horological functions of said object.

6. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein the portable object (1) includes means for dialling (12) manually or automatically at programmed intervals of time, the telephone number of the dedicated server, which is stored in storage means (23, 33) of the portable object, in order to establish the telephone link and in order to receive from the server the data signals for adjusting and/or updating its horological functions.

7. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein the server (2) stores several telephone numbers each corresponding to a specific portable object to establish at determined intervals of time telephone links with each portable object (1) and to adjust and update individually the horological functions of each portable object.

8. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein, during the established telephone link, data signals of a selected number of melodies are transmitted from the server (2) to the portable object (1) at the request of the person carrying the portable object to update a melody generating module of the object.

9. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein, during the established telephone link, data signals for programming an alarm are transmitted from the portable object (1) to the server (2) to require the server (2) to call the portable object at a determined time interval.

10. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein information message signals as to events or things happening are transmitted from the server (2) to the portable object (1) as a function of the detected geographical location (4, 4') of the portable object in the mobile telephone network, said messages being displayed on a display device (14) of the portable object.

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11. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that~~ wherein time zone or display mode selection data signals are transmitted from the server (2) to the portable object (1) for updating a module for adjusting the time zones or a time display mode selection module to choose whether to display the time in 12h or 24h mode.

12. (Amended) ~~Method~~ The method according to claim 1, ~~characterised in that,~~ wherein message or information signals are transmitted from the server (2) to the portable object (1), which includes a display device (14) for reading the messages, in order to provide it with information as to the state of its horological functions on the basis of adjustments and/or updates made to said horological functions over time.

13. (Amended) ~~Method~~ The method according to claim 1, wherein the portable object is a telephone-watch (1), in particular a wristwatch including a mobile telephone, which includes storage means (23, 33) in which the number of the dedicated server (2) is stored, ~~characterised in that~~ wherein said number of the server is automatically dialled at intervals of time programmed by the user of said watch.

14. (Amended) ~~Portable~~ A portable object, in particular a portable telephone-watch (1), for implementing the method according to ~~any of the preceding claims~~ claim 1, said object including a microprocessor (22) with a time-keeping circuit, a mobile telephone unit (27), means for dialling a telephone number (12), a microphone (31) and an earpiece (32) connected to said mobile telephone unit (27), and at least one display device (11) for the time, date and/or messages (14), ~~characterised in that,~~ wherein it includes storage means (23, 33) in which a call number of a dedicated server (2) providing horological function data signals is stored, and ~~in that~~ wherein the call number stored in the storage means (23, 33) is able to be dialled automatically in the mobile telephone unit (27) at programmed time intervals to establish a telephone link with said server (2) in order to receive signals for adjusting and/or updating the horological functions of said object.